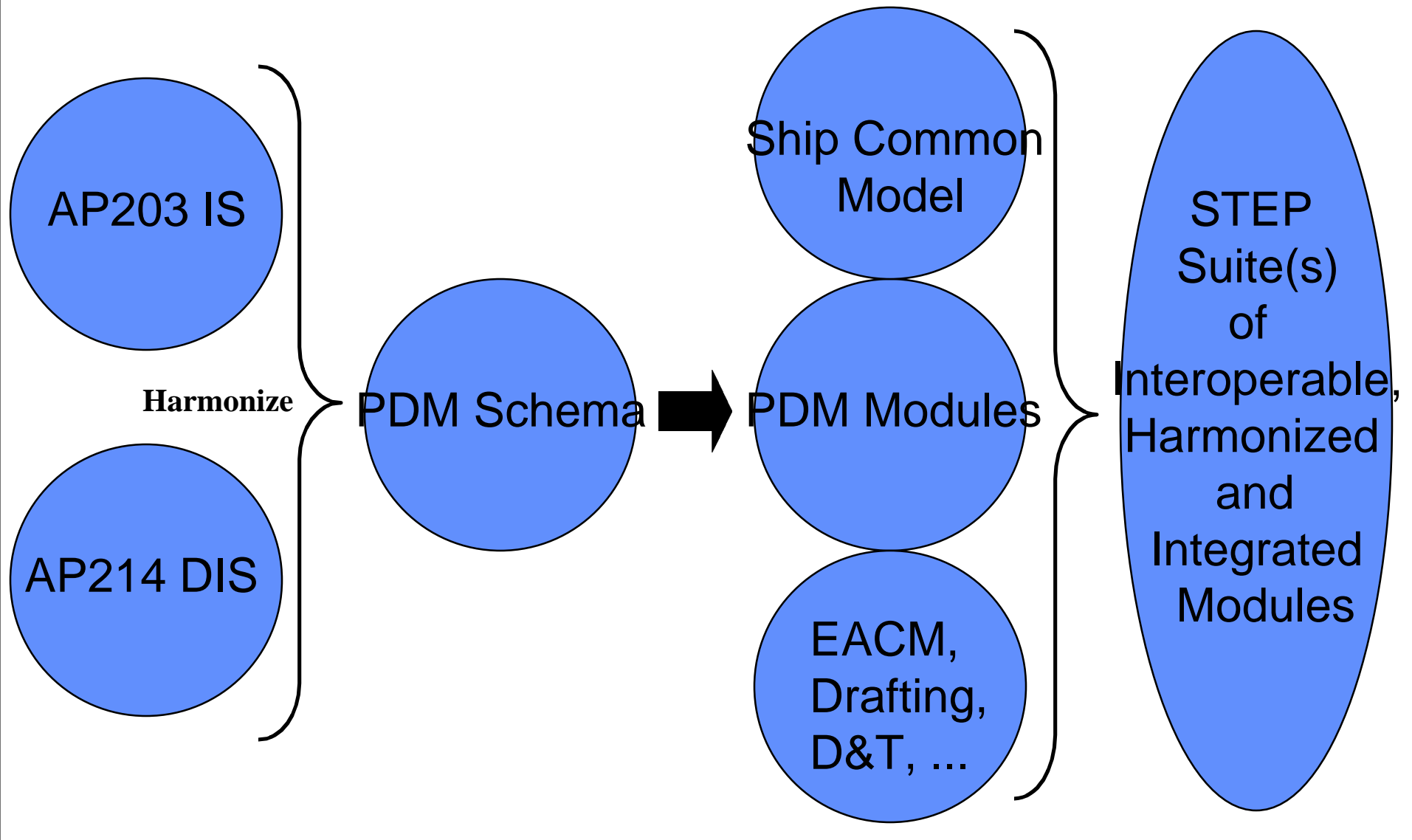


Planned Uses of the Modularization Strategy...



Identifying the Backbone Modules

- Requirement emerging for a “backbone” set of modules that AP/AM development teams can extend
- Backbone and Framework/SSID need to work together
- Initial concept is to base on PDM modules
- Need to address geometric requirements
 - Elemental shape
 - Generic properties
 - The geometric AICs
- This may be an area for the Harmonization Team/Process to address
 - WG10 STEP Modularization PWI and a few others ARE the Harmonization Team!
- Keep these ideas in mind during the week

Requirements on Backbone Modules and STEP Coverage

- **Need to understand the complete set of STEP capabilities to identify all requirements on Backbone and to verify Framework/SSID**
- **Process we are planning on taking**
 - **Update the STEP UoF list based on all APs as of 2Q1999**
 - **Use the Framework/SSID to categorize the UoFs and populate the “modules catalogue”**
 - **Populate the catalogue with the complete set of modules in development**
 - **Perform analysis of scopes, dependencies and overlaps**

Requirements on Backbone Modules and STEP Coverage(2)

- **This identifies areas for harmonization and module development and backbone requirements**
- **This validates the Framework for use by modularization teams**
- **This populates an important part of the Harmonization Process Infrastructure**
- **This should be good input to the Data Integration Architecture project**
- **We need to continue to update and maintain the catalogue as part of the existing and modular development processes**

AP vs. Capability Coverage Rough Comparison

AP \ Capability	Geometry	Colors and Layers	PDM	Tolerances	Drafting	Validation Properties	FEA	Process Plans	Technical Data Packages	Features
202										
203										
207										
209										
210										
213										
224										
232										
Capability Tested	Complete	Complete	4Q99	3Q00	1Q00	1Q99	Not defined	Not defined	4Q99	Not defined